CERTIFICATE OF MAILING

I certify that this document being posited with the U.S. Postal Service as First Class Mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date:

3 17 2004

Signature of Person Mailing Correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant(s):

Berardi, et al.

Docket No.:

60655.4800

Serial No.:

10/708,548

Group Art Unit:

TBA

Filed:

March 10, 2004

Examiner:

TBA

Title:

A TRANSPARENT

Confirmation No.:

2547

TRANSACTION DEVICE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents PO Box 1450 Alexandria, VA 22313-1450

Commissioner:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R., §§1.97 and 1.98, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents listed on the attached Form PTO/SB/08A. One copy of each cited document is submitted herewith. Applicant respectfully submits that all pending claims are patentable over the foregoing references, alone or in combination. The Examiner is requested to initial the enclosed Form PTO/SB/08A and return a copy thereof to the undersigned.

The items listed on Form PTO/SB/08A may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application.

Applicants reserve the right to dispute any of the listed documents as prior art during examination. Further, Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. Furthermore, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist.

| 1.[] | For each of the following items listed on the enclosed copy of Form PTO/SB/08A that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed: |
|------|---|
| | |

- 2. [X] Any copy of the items listed on the enclosed copy of Form PTO/SB/08A that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in the prior [X] Parent Application, [] Continuation, [] Divisional or [] Continuation-In-Part application under 37 C.F.R. §1.97, U.S. Serial No. 10/192,488 ___, filed ___July 9, 2002 ___.
- 3. [X]No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:
 - [] 37 C.F.R. §1.97(b)(1), within three months of the filing date of the above-identified application.
 - [] 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application.
 - [X] 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits.
- 4. [] No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 3 above but before the mailing date of a final action or a Notice of Allowance (where there has been no prior final action), and is accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 8 below.
- 5. [] A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 3 above but before the mailing date of a final action or a notice of allowance (where there has been no prior final action):

2

1488444.1

| | [] | A check in the amount of \$180.00 is enclosed in payment of the fee. | | | | |
|--------|---|--|--|--|--|--|
| | [] | Charge the fee to Deposit Account No. 19-2814. A DUPLICATE COPY OF THIS SHEET IS ATTACHED. | | | | |
| 6. [] | A fee is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statemer since it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing dat of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by: | | | | | |
| | a. | one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 8 below; and | | | | |
| | b. | the attached petition requesting consideration of this Information Disclosure Statement; and | | | | |
| | C. | the fee due under 37 C.F.R. §1.17(i)(1) which is paid as set forth in paragraph 9 below. | | | | |
| 7.[] | | is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statement it is being filed in compliance with: | | | | |
| | a. [] | 37 C.F.R. §1.313(b)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue; | | | | |
| | b. [] | 37 C.F.R. §1.313(b)(5), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue. | | | | |
| | C. | The fee due under 37 C.F.R. §1.17(i)(1) is paid as set forth in paragraph 9 below. | | | | |
| 8. [] | Disclo in a co | by certify that each item of information contained in this Information sure Statement was cited in a communication from a foreign patent office ounterpart foreign application not more than three months prior to the filing Information Disclosure Statement. | | | | |
| [] | Stater office reason | by certify that no item of information in the Information Disclosure ment filed herewith was cited in a communication from a foreign patent in a counterpart foreign application or, to my knowledge after making nable inquiry, was known to any individual designated in §1.56(c) more hree months prior to the filing of this Information Disclosure Statement. | | | | |
| | | | | | | |

9. [] A check in the amount of \$180.00 is enclosed in payment of the fee due under 37 C.F.R. §1.17(p).

[] Charge the fee due under 37 C.F.R. §1.17(i)(1) to Deposit Account No. 19-2814. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

[X]The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 19-2814. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,

Snell &

Howard I. Sobelman Registration No. 39,038

Snell & Wilmer L.L.P. One Arizona Center 400 E. Van Buren

Phoenix, Arizona 85004-2202

Phone: (602) 382-6228 Fax: (602) 382-6070

Email: hsobelman@swlaw.com

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no pe required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO **Application Number** 10/708,548 INFORMATION DISCLOSURE March 10, 2004 Filing Date STATEMENT BY ARPL

(use as many sheets as necessary) of

Sheet

First Named Inventor Michael Berardi, et al. TBA Art Unit **Examiner Name** TBA 60655.4800 Attorney Docket Number

| | | | | U.S. PATE | ENT DOCUMENTS | |
|-----------------------|--------------------------|----------|-----------|--------------------------------|-----------------------------|---|
| | | Document | Number | Dublication Date | Name of Patentee or | Pages, Columns, Lines, Where |
| Examiner Initials* | Cite No. ¹ | Number | Kind Code | Publication Date MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant Figures Appear |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | , |

| | | | | FOR | EIGN PATENT DO | CUMENTS | | |
|-----------------------|--------------|---------|---|-----|--------------------------------|--|--|----|
| Examiner Initials* | Cite No.1 | Office: | Foreign Patent Document Office ³ Number ⁴ Kind ⁵ (if known) | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T€ |
| | | СН | СН689070 | | 08/31/1998 | Peter Bresch | | |
| | | EP | 0 358 525 | A2 | 03/14/1990 | W&T Avery Limited | | |
| | | EP | 0 424 726 | A1 | 10/10/1990 | Angewandte Digital Elec. | | |
| | | PCT | WO 99/03057 | A1 | 01/21/1999 | Robert E. Dorf | | |
| | | EP | EP 0 933 717 | A2 | 08/04/1999 | Citicorp Development Center | _ | |
| | | EP | EP 0 956 818 | A1 | 11/17/1999 | Citicorp Development Center | | |
| | | EP | EP 0 959 440 | A2 | 11/24/1999 | Citicorp Development Center | | |
| | | JP | 2000-1109 | Α | 01/14/2000 | Citicorp Development Center | | |
| | | JP | 2000015288 | Α | 01/18/2000 | Hitachi Plant Eng & Constr | | |
| | | JP | 2000-40181 | A | 02/08/2000 | Unknown | | |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

| Substitute for form | 1449A/PTO | Co | Complete if Known | | | |
|---------------------|---------------------------|------------------------|-------------------------|--|--|--|
| NIE O DATA | TION DIGGL COUR | Application Number | 10/708,548 | | | |
| INFORM | ATION DISCLOSUR | Filing Date | March 10, 2004 | | | |
| STATEM | ENT BY APPLICAN | First Named Inventor | Michael Berardi, et al. | | | |
| | | Art Unit | TBA | | | |
| (use as | many sheets as necessary) | Examiner Name | TBA | | | |
| Sheet | of | Attorney Docket Number | 60655.4800 | | | |

| | | | | U.S. PATI | ENT DOCUMENTS | |
|-----------------------|------|-----------------|----------------------|------------------|-----------------------------|---|
| Examiner Initials* | Cite | Document Number | | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages or Relevant |
| | No.1 | Number | Kind Code (if known) | MM-DD-YYYY | Applicant of Cited Document | Figures Appear |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | * | | |
| | | US- | | | | |
| | | US- | ľ | | • | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | V | | |

| | | | | FOR | EIGN PATENT DO | CUMENTS | | |
|-----------|--------------|---------------------|---------------------|----------------------------|------------------|-----------------------------|--|-----|
| Examiner | 0.11- | | Foreign Patent Do | cument | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where Relevant | |
| Initials* | Cite No.1 | Office ³ | Number ⁴ | Kind⁵ <i>(if known)</i> | MM-DD-YYYY | Applicant of Cited Document | Passages or Relevant Figures Appear | Т6. |
| | | PCT | WO 00/10144 | Al | 02/24/2000 | 3M Innovative Properties Co | | |
| | | JP | 200067312 | Α | 03/03/2000 | IBM | | |
| | | EP | EP 0 984 404 | A2 | 03/08/2000 | 1BM | | |
| | | PCT | WO 00/38088 | Al | 06/29/2000 | John Klayh | | |
| | | EP | EP 1 016 947 | A2 | 07/05/2000 | Texas Instruments Inc. | | |
| | | JP | 2000207641 | Α | 07/28/2000 | NCR International Inc | | |
| | | EP | EP 1 039 403 | A2 | 09/27/2000 | Citicorp Development Center | | |
| | | JP | 2001-5931 | Α | 01/12/2001 | Unknown | | |
| | | PCT | WO 01/04825 | A1 | 01/18/2001 | Intermec IP Corp. | | |
| | | PCT | WO 01/15098 | A1 | 03/01/2001 | Gamut Interactive | | |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| Substitute for form | 1449A/PTO | Со | Complete if Known | | |
|---------------------|---------------------------|------------------------|-------------------------|--|--|
| | | Application Number | 10/708,548 | | |
| INFORMA | ATION DISCLOSURE | Filing Date | March 10, 2004 | | |
| STATEM | ENT BY APPLICANT | First Named Inventor | Michael Berardi, et al. | | |
| J | | Art Unit | TBA | | |
| (use as | many sheets as necessary) | Examiner Name | TBA | | |
| Sheet | of . | Attorney Docket Number | 60655.4800 | | |

| | | | | U.S. PATI | ENT DOCUMENTS | |
|-----------------------|--------------|--------------------|-------------------|--------------------------------|--|---|
| Examiner Initials* | Cite No.1 | Document Number | Number Kind Code | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | US- | (if known) | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | - | | · | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | · | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | <u> </u> | US- | | | | |
| | L | US- | | | | |
| | | US- | | | | |
| | · | US- | | | | |

| | | | | FOR | EIGN PATENT DO | CUMENTS | | |
|-----------------------|--|-----|--|---|--------------------------------|--|--|----|
| Examiner Initials* | | | Foreign Patent Do Number ⁴ | cument Kind ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T⁵ |
| | | PCT | WO 01/15098 | A1 | 03/01/2001 | Gamut Interactive | | |
| | | EP | EP 1 104 909 | A2 | 06/06/2001 | Smartel S.P.A. | | |
| | | PCT | WO 01/43095 | A2 | 06/14/2001 | Intermec IP Corp. | | |
| | | EP | EP 1 113 387 | A2 | 07/04/2001 | Schlumberger Systemes | | |
| | | PCT | Wo 01/72224 | A1 | 10/04/2001 | Wolf Fernlund | | |
| | | JP | 2001283122 | A | 10/12/2001 | Dainippon Printing Co., Ltd. | <u> </u> | |
| | | PCT | WO 01/77856 | Al | 10/18/2001 | Brightstreet.com Inc. | | |
| | | PCT | WO 01/80473 | A2 | 10/25/2001 | Sony Electronics, Inc. | | |
| | | PCT | WO 01/86535 | Al | 11/15/2001 | Cadmus Technology Ltd. | | |
| | | PCT | WO 01/90962 | A1 | 11/29/2001 | Grosvenor Leisure Inc. | | |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. See Kinds Codes of USPTO Patent Documents, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

| Complete if Known | | |
|------------------------|--|--|
| Application Number | 10/708.548 | |
| Filing Date | March 10, 2004 | |
| First Named Inventor | Michael Berardi, et al. | |
| Art Unit | TBA | |
| Examiner Name | TBA | |
| Attorney Docket Number | 60655.4800 | |
| | Application Number Filing Date First Named Inventor Art Unit Examiner Name | |

| - | | | | U.S. PATE | NT DOCUMENTS | | |
|---------------|------|-----------------|----------------------|------------------|-----------------------------|---|--|
| Examiner Cite | | Document Number | | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages or Relevant | |
| Initials* | No.1 | Number | Kind Code (if known) | MM-DD-YYYY | Applicant of Cited Document | Figures Appear | |
| | | US- | | | | | |
| | | US- | | . | | | |
| | | US- | _ | | | • | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | | |
| | | US- | | | | : | |
| | | US- | | | | | |

| | | | | FOR | EIGN PATENT DOO | CUMENTS | | |
|-----------------------|--------------|---------------------|--|---|--------------------------------|--|--|----------------|
| Examiner Initials* | Cite No.1 | Office ³ | Foreign Patent Do Number ⁴ | cument Kind ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | PCT | WO 01/95243 | A2 | 12/13/2001 | Battelle Memorial Institute | | |
| | | PCT | WO 02/01485 | Al | 01/03/2002 | Smartclic Corporation | | |
| | | PCT | WO 02/13134 | A2 | 02/14/2002 | Medmicrochip LC | | |
| | | PCT | WO 02/21903 | A1 | 03/21/2002 | Mario Witte | | |
| | | EP | EP 1 199 684 | A2 | 04/24/2002 | Marconi Commerce Systems | | |
| | | PCT | WO 02/063545 | A2 | 08/15/2002 | Sensormatic Electronics Corp | _ | |
| | | PCT | WO 02/065246 | A2 | 08/22/2002 | Stockback Holdings, Inc. | | |
| | | PCT | WO 02/065404 | A2 | 08/22/2002 | Stuart Williams | | |
| | i i | PCT | WO 02/069221 | Al | 09/06/2002 | Frequency Marketing, Inc. | | |
| | | PCT | WO 02/073512 | A1 | 09/19/2002 | 3M Innovative Properties Co. | | |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. See Kinds Codes of USPTO Patent Documents, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

| Substitu | ite for form 1449A/PTO | | Complete if Known | | |
|----------|------------------------|------------|------------------------|-------------------------|--|
| | | | Application Number | 10/7087548 | |
| INF | ORMATION DIS | SCLOSURE | Filing Date | March 10, 2004 | |
| STA | TEMENT BY A | PPLICANT | First Named Inventor | Michael Berardi, et al. | |
| | | | Art Unit | TBA | |
| | (use as many sheets as | necessary) | Examiner Name | ТВА | |
| Sheet | of | | Attorney Docket Number | 60655.4800 | |

| | U.S. PATENT DOCUMENTS | | | | | | | |
|---------------|-----------------------|----------|-----------|------------------|-----------------------------|---|--|--|
| Examiner Cite | | Document | Number | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages or Relevant | | |
| Initials | No.1 | Number | Kind Code | MM-DD-YYYY | Applicant of Cited Document | Figures Appear | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | | • | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | | · · | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | _ | | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | | 2. | | |
| | | US- | | | | | | |

| | | | FOR | EIGN PATENT DO | CUMENTS | **** | |
|--------------|---------------------|---------------------|---|---|--|--|--|
| Cite No.1 | Office ⁵ | | cument Kind ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Te € |
| | EP | EP 1 251 450 | Al | 10/23/2002 | NCR International Inc. | | |
| | PCT | WO 02/086665 | A2 | 10/31/2002 | United States Postal Service | | |
| | PCT | WO 02/091281 | A2 | 11/14/2002 | Outsite Networks Inc. | | |
| | PCT | WO 02/097575 | A2 | 12/05/2002 | American Express TRS Co. | | |
| | PCT | WO 02/101670 | A2 | 12/19/2002 | 3M Innovative Properties | | 1 |
| | \vdash | | | | | | + |
| | | | | | | | |
| | - | | _ | | | | + |
| | | No.1 Office PCT PCT | Cite No.1 Office ³ Number ⁴ EP EP 1 251 450 PCT WO 02/086665 PCT WO 02/091281 PCT WO 02/097575 | Foreign Patent Document Cite No.¹ Office³ Number⁴ Kind⁵ (if known) EP EP 1 251 450 A1 PCT WO 02/086665 A2 PCT WO 02/091281 A2 PCT WO 02/097575 A2 | Foreign Patent Document Publication Date MM-DD-YYYY EP EP 1 251 450 A1 10/23/2002 PCT WO 02/086665 A2 10/31/2002 PCT WO 02/091281 A2 11/14/2002 PCT WO 02/097575 A2 12/05/2002 | Cite No.1 Office3 Number4 Kind5 (if known) Publication Date MM-DD-YYYY Number of Patentee of Applicant of Cited Document EP EP 1 251 450 A1 10/23/2002 NCR International Inc. PCT WO 02/086665 A2 10/31/2002 United States Postal Service PCT WO 02/091281 A2 11/14/2002 Outsite Networks Inc. PCT WO 02/097575 A2 12/05/2002 American Express TRS Co. | Foreign Patent Document Publication Date Name of Patentee or Applicant of Cited Document Pages, Columns, Lines, Where Relevant Pages or Relevant Pages o |

| Examiner | Da | ite | ` |
|-----------|----|----------|---|
| Signature | Co | nsidered | ر |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. See Finds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. See Finds Codes of USPTO Patent Documents, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

| Substitu | te for form 1449B/PTO | Complete if Known | | |
|-----------------------------------|-----------------------|------------------------|-------------------------|--|
| | | Application Number | 10/708,548 | |
| INFO | DRMATION DISCLOSURE | Filing Date | March 10, 2004 | |
| STA | TEMENT BY APPLICANT | First Named Inventor | Michael Berardi, et al. | |
| 017 | TEMENT BY ATTERDANT | Art Unit | TBA | |
| (use as many sheets as necessary) | | Examiner Name | TBA | |
| Sheet | of | Attorney Docket Number | 60655.4800 | |

| | | OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS | |
|-----------------------|--------------|---|----------------|
| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | "What's New: Timex Watch Features Speedpass System", http://www.speedpass.com/news/article.jsp?id=51 (1 page) | |
| | | "Physical Reality: A Second Look", Ken Sharp, Senior Technical Editor, http://www.idsystems.com/reader/1999_03/phys0399_pt2/phys0399_pt2.htm (6 pages) | |
| | | "Magic Wands' to Speed Mobile Sales", BobBrewin, Jan. 15, 2001, http://www.computerworld.com/mobiletopics/mobile/story/1,10801,563300.html (4 pages) | |
| | | "Mobile Speedpass Goes GLobal as Mobil Singpaore Rolls Out Asia's First RFID-Based Pay-At-The-Pump System", Press Release, April 5, 1999, http://www.ti.com/tiris/docs/news_releases/rel12.htm (3 pages) | |
| | | "Speedpass Unleashed", June 4, 2002, http://www.cardweb.com/cardtrak/news/cf2_20a_97.html (2 pages) | |
| | | Prophecy Central Update #9, October 10, 1997, http://www.bible-prophecy.com/pcu9.htm (5 pages) | |
| | | International newsletter of the TI RFID Group, Issue 20, 2000 (12 pages) | |
| | | "CES: Microsoft's SPOT Technology has Humble Origins", by James Niccolai, January 10, 2003, http://archive.inforworld.com/articles/hn/xml/03/01/10/030110hnsport.xml?s=IDGNS (3 pages) | |
| | | "Microsoft: See SPOT Run On Your Wrist", by Richard Shim, June 5, 2003, http://news.com.com/2100-1041_3-1013442.html?tag=fd_top (1 page) | |
| | | "Networking: Microsoft SPOT", by Jeremy A. Kaplan, July 1, 2003, http://www.pcmag.com/print_article/0,3048,a=43561,00.asp (2 pages) | |
| | | "Microsoft Launches Smart Personal object Technology Initiative", Press Release from COMDEX Fall 2002, November 17, 2002, http://www.Microsoft.com/presspass/features/2002/nov02/11-17SPOT.asp (4 pages) | |

| Exami | ner | Date | 1 |
|--------|-----|------------|-----|
| Signat | ure | Considered | ر ا |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | Complete if Known | | |
|---|----|--|------------------------|-------------------------|--|
| | | | Application Number | 10/708,548 | |
| | | | Filing Date | March 10, 2004 | |
| | | | First Named Inventor | Michael Berardi, et al. | |
| | | | Art Unit | TBA | |
| | | | Examiner Name | TBA | |
| Sheet | of | | Attorney Docket Number | 60655.4800 | |
| | | | | | |

| OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS | | | | |
|---|--------------|---|----------------|--|
| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² | |
| | | "Bank Extends RFID Payment Pilot: Bank of America will continue to tests its QuickWave RFID payment card for another three months", RFID Journal, 01/23/2003 | | |
| | | "MasterCard to Test RFID Card: Pilot will test whether consumers, merchants and credit card issuers value "contactless payments", RFID Journal, 12/20/2002 | | |
| | | "Vendors Target Amusement Parks: Protecting children and enabling cashless payments make RFID an appealing option for the entertainment industry", RFID Journal, 11/27/2002 | | |
| | | "Inside's Next-Gen Smart Card: The French company plans to introduce an RFID card that uses a 16-bit microprocessor and new encryption technology", RFID Journal, 10/29/2002 | 1 | |
| | | "Sony, Philips Creating RFID Link: Consumer electronics giants are jointly developing a new RFID standard for payments and for communication between devices", RFID Jornal, 09/17/2002 | | |
| | | "Japan Gets Digital Ticket System: A national ticket seller and phone company are teaming up to create an electronic ticket", RFID Journal, 08/31/2002 | | |
| | | "Security for Wireless Java: NTRU, a startup that offers security software, has released a Java version of its NTRU encryption algorithm", RFID Journal, 06/27/2002 | | |
| | | "Making RFID Payments Ubiquitous: Philips and Visa want people to be able to pay for goods and services anywhere by using RFID chips embedded in the phones and other devices", RFID Journal, 06/02/2003 | | |
| | | "RFID Smart Cards Gain Ground: The convenience of contactless transactions is driving widespread adoption of contactless smart cards", RFID Journal, 04/09/2003 | | |
| | | "TI Embraces Prox Card Standard: Texas Instruments ISO 14443 payment platform promises faster data transfer rates and more security", RFID Journal, 03/06/2003 | | |
| | | "Multiple Frequency Transponders: "Volume production of dual-band RFID chips begins", Frontline Solutions, 07/16/2003 | | |
| | · | | $\overline{}$ | |

| Examiner | | Date | ` |
|-----------|---|------------|---|
| Signature | • | Considered | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

| Substitute for form 1449B/PTO | | Complete if Known | | | |
|---|---|-------------------|------------------------|-------------------------|--|
| | | | Application Number | 10/708,548 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | Filing Date | March 10, 2004 | |
| | | | First Named Inventor | Michael Berardi, et al. | |
| | | | Art Unit | TBA | |
| (use as many sheets as necessary) | | Examiner Name | TBA | | |
| Sheet | 0 | f | Attorney Docket Number | 60655.4800 | |

| OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS | | | | | |
|---|--------------|---|---|--|--|
| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | |
| | | Functional Specification, Standard Card IC MF1 IC S50, Philips Semiconductors, Product Specification Rev. 5.1 May 2001 | | | |
| | | | - | | |
| | | | | | |
| | | | | | |
| | | | | | |
| ŧ | | | - | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | * | | |
| Examine: Signature | | Date Considered | | | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

9. [] A check in the amount of \$180.00 is enclosed in payment of the fee due under 37 C.F.R. §1.17(p).



Charge the fee due under 37 C.F.R. §1.17(i)(1) to Deposit Account No. 19-2814. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

X]The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 19-2814. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Dated: _____<u>3//2/6</u>Y___

Snell & Wilmer L.L.P. One Arizona Center 400 E. Van Buren

Phoenix, Arizona 85004-2202

Phone: (602) 382-6228 Fax: (602) 382-6070

Email: hsobelman@swlaw.com

Respectfully submitted,

Snell & Wilmer

Howard I. Sobelman Registration No. 39,038